## Claim 1 (twice amended):

4

universal testing module comprising:

- 1 1. A universal testing module, capable of connecting to a computer having communication
  2 ports to be tested and forming communication paths through said ports, for testing the
  3 condition of each pin of a parallel port and a serial port of said communication ports, said
- a logic control unit, having at least a pair of input/output ports for communicating with said parallel port;
- a memory unit for storing instructions for controlling said logic control unit and said computer and for temporary exchange of data; and an universal asynchronous combined receiver and transmitter; and
- a voltage converter for voltage interchange of RS-232 and TTL and enabling said logic control unit to communicate with said computer through said serial port and executing a testing procedure by comparing input and output signals.